



BAC WATER QUICK CALCULATION CHART

1 mL U-100 syringe | values shown in syringe units
Vial sizes 5 mg and 10 mg

5 mg VIAL

BAC WATER ADDED TO VIAL (mL)				
TARGET AMOUNT	1 mL	2 mL	2.5 mL	3 mL
0.25 mg	5 U	10 U	12.5 U	15 U
0.5 mg	10 U	20 U	25 U	30 U
0.75 mg	15 U	30 U	37.5 U	45 U
1 mg	20 U	40 U	50 U	60 U
1.25 mg	25 U	50 U	62.5 U	75 U
1.5 mg	30 U	60 U	75 U	90 U
1.75 mg	35 U	70 U	87.5 U	105 U
2 mg	40 U	80 U	100 U	120 U

10 mg VIAL

BAC WATER ADDED TO VIAL (mL)				
TARGET AMOUNT	1 mL	2 mL	2.5 mL	3 mL
0.25 mg	2.5 U	5 U	6.25 U	7.5 U
0.5 mg	5 U	10 U	12.5 U	15 U
0.75 mg	7.5 U	15 U	18.8 U	22.5 U
1 mg	10 U	20 U	25 U	30 U
1.25 mg	12.5 U	25 U	31.2 U	37.5 U
1.5 mg	15 U	30 U	37.5 U	45 U
1.75 mg	17.5 U	35 U	43.8 U	52.5 U
2 mg	20 U	40 U	50 U	60 U

QUICK MULTIPLIER

Need an amount above 2 mg?

Example: If 1.5 mg = 15 U, then 3 mg = 30 U (2x). If 2 mg = 20 U, then 4 mg = 40 U (2x).

Use this shortcut only when the vial amount and BAC water added are unchanged.

Formula: Units = (target amount / vial amount) x BAC water added (mL) x 100

Educational calculation reference only. Example values are illustrative and are not dosing or preparation recommendations. Verify vial contents, concentration, syringe type, and units before use.

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BAC WATER QUICK CALCULATION CHART

1 mL U-100 syringe | values shown in syringe units

Vial sizes 15 mg and 20 mg

15 mg VIAL

BAC WATER ADDED TO VIAL (mL)				
TARGET AMOUNT	1 mL	2 mL	2.5 mL	3 mL
0.25 mg	1.67 U	3.33 U	4.17 U	5 U
0.5 mg	3.33 U	6.67 U	8.33 U	10 U
0.75 mg	5 U	10 U	12.5 U	15 U
1 mg	6.67 U	13.3 U	16.7 U	20 U
1.25 mg	8.33 U	16.7 U	20.8 U	25 U
1.5 mg	10 U	20 U	25 U	30 U
1.75 mg	11.7 U	23.3 U	29.2 U	35 U
2 mg	13.3 U	26.7 U	33.3 U	40 U

20 mg VIAL

BAC WATER ADDED TO VIAL (mL)				
TARGET AMOUNT	1 mL	2 mL	2.5 mL	3 mL
0.25 mg	1.25 U	2.5 U	3.12 U	3.75 U
0.5 mg	2.5 U	5 U	6.25 U	7.5 U
0.75 mg	3.75 U	7.5 U	9.38 U	11.2 U
1 mg	5 U	10 U	12.5 U	15 U
1.25 mg	6.25 U	12.5 U	15.6 U	18.8 U
1.5 mg	7.5 U	15 U	18.8 U	22.5 U
1.75 mg	8.75 U	17.5 U	21.9 U	26.2 U
2 mg	10 U	20 U	25 U	30 U

QUICK MULTIPLIER

Need an amount above 2 mg?

Example: If 1.5 mg = 15 U, then 3 mg = 30 U (2x). If 2 mg = 20 U, then 4 mg = 40 U (2x).

Use this shortcut only when the vial amount and BAC water added are unchanged.

Formula: Units = (target amount / vial amount) x BAC water added (mL) x 100

Educational calculation reference only. Example values are illustrative and are not dosing or preparation recommendations. Verify vial contents, concentration, syringe type, and units before use.

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BAC WATER QUICK CALCULATION CHART

1 mL U-100 syringe | values shown in syringe units

Vial sizes 24 mg and 50 mg

24 mg VIAL

BAC WATER ADDED TO VIAL (mL)				
TARGET AMOUNT	1 mL	2 mL	2.5 mL	3 mL
0.25 mg	1.04 U	2.08 U	2.6 U	3.12 U
0.5 mg	2.08 U	4.17 U	5.21 U	6.25 U
0.75 mg	3.12 U	6.25 U	7.81 U	9.38 U
1 mg	4.17 U	8.33 U	10.4 U	12.5 U
1.25 mg	5.21 U	10.4 U	13 U	15.6 U
1.5 mg	6.25 U	12.5 U	15.6 U	18.8 U
1.75 mg	7.29 U	14.6 U	18.2 U	21.9 U
2 mg	8.33 U	16.7 U	20.8 U	25 U

50 mg VIAL

BAC WATER ADDED TO VIAL (mL)				
TARGET AMOUNT	1 mL	2 mL	2.5 mL	3 mL
0.25 mg	0.5 U	1 U	1.25 U	1.5 U
0.5 mg	1 U	2 U	2.5 U	3 U
0.75 mg	1.5 U	3 U	3.75 U	4.5 U
1 mg	2 U	4 U	5 U	6 U
1.25 mg	2.5 U	5 U	6.25 U	7.5 U
1.5 mg	3 U	6 U	7.5 U	9 U
1.75 mg	3.5 U	7 U	8.75 U	10.5 U
2 mg	4 U	8 U	10 U	12 U

QUICK MULTIPLIER

Need an amount above 2 mg?

Example: If 1.5 mg = 15 U, then 3 mg = 30 U (2x). If 2 mg = 20 U, then 4 mg = 40 U (2x).

Use this shortcut only when the vial amount and BAC water added are unchanged.

Formula: Units = (target amount / vial amount) x BAC water added (mL) x 100

Educational calculation reference only. Example values are illustrative and are not dosing or preparation recommendations. Verify vial contents, concentration, syringe type, and units before use.

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BAC WATER QUICK CALCULATION CHART

1 mL U-100 syringe | values shown in syringe units
600 mg vial | BAC water range 5-10 mL in 0.5 mL increments

600 mg VIAL

BAC WATER ADDED TO VIAL (mL)						
TARGET AMOUNT	5 mL	5.5 mL	6 mL	6.5 mL	7 mL	7.5 mL
0.25 mg	0.208 U	0.229 U	0.25 U	0.271 U	0.292 U	0.312 U
0.5 mg	0.417 U	0.458 U	0.5 U	0.542 U	0.583 U	0.625 U
0.75 mg	0.625 U	0.688 U	0.75 U	0.812 U	0.875 U	0.938 U
1 mg	0.833 U	0.917 U	1 U	1.08 U	1.17 U	1.25 U
1.25 mg	1.04 U	1.15 U	1.25 U	1.35 U	1.46 U	1.56 U
1.5 mg	1.25 U	1.38 U	1.5 U	1.62 U	1.75 U	1.88 U
1.75 mg	1.46 U	1.6 U	1.75 U	1.9 U	2.04 U	2.19 U
2 mg	1.67 U	1.83 U	2 U	2.17 U	2.33 U	2.5 U

BAC WATER ADDED TO VIAL (mL)					
TARGET AMOUNT	8 mL	8.5 mL	9 mL	9.5 mL	10 mL
0.25 mg	0.333 U	0.354 U	0.375 U	0.396 U	0.417 U
0.5 mg	0.667 U	0.708 U	0.75 U	0.792 U	0.833 U
0.75 mg	1 U	1.06 U	1.12 U	1.19 U	1.25 U
1 mg	1.33 U	1.42 U	1.5 U	1.58 U	1.67 U
1.25 mg	1.67 U	1.77 U	1.88 U	1.98 U	2.08 U
1.5 mg	2 U	2.12 U	2.25 U	2.38 U	2.5 U
1.75 mg	2.33 U	2.48 U	2.63 U	2.77 U	2.92 U
2 mg	2.67 U	2.83 U	3 U	3.17 U	3.33 U

QUICK MULTIPLIER

Need an amount above 2 mg?

Example: If 1.5 mg = 15 U, then 3 mg = 30 U (2x). If 2 mg = 20 U, then 4 mg = 40 U (2x).

Use this shortcut only when the vial amount and BAC water added are unchanged.

Formula: Units = (target amount / vial amount) x BAC water added (mL) x 100

Educational calculation reference only. Example values are illustrative and are not dosing or preparation recommendations. Verify vial contents, concentration, syringe type, and units before use.

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BAC WATER QUICK CALCULATION CHART

1 mL U-100 syringe | values shown in syringe units
1000 mg vial | BAC water range 5-10 mL in 0.5 mL increments

1000 mg VIAL

BAC WATER ADDED TO VIAL (mL)						
TARGET AMOUNT	5 mL	5.5 mL	6 mL	6.5 mL	7 mL	7.5 mL
0.25 mg	0.125 U	0.137 U	0.15 U	0.163 U	0.175 U	0.188 U
0.5 mg	0.25 U	0.275 U	0.3 U	0.325 U	0.35 U	0.375 U
0.75 mg	0.375 U	0.413 U	0.45 U	0.487 U	0.525 U	0.562 U
1 mg	0.5 U	0.55 U	0.6 U	0.65 U	0.7 U	0.75 U
1.25 mg	0.625 U	0.688 U	0.75 U	0.812 U	0.875 U	0.938 U
1.5 mg	0.75 U	0.825 U	0.9 U	0.975 U	1.05 U	1.12 U
1.75 mg	0.875 U	0.963 U	1.05 U	1.14 U	1.23 U	1.31 U
2 mg	1 U	1.1 U	1.2 U	1.3 U	1.4 U	1.5 U

BAC WATER ADDED TO VIAL (mL)					
TARGET AMOUNT	8 mL	8.5 mL	9 mL	9.5 mL	10 mL
0.25 mg	0.2 U	0.213 U	0.225 U	0.237 U	0.25 U
0.5 mg	0.4 U	0.425 U	0.45 U	0.475 U	0.5 U
0.75 mg	0.6 U	0.638 U	0.675 U	0.713 U	0.75 U
1 mg	0.8 U	0.85 U	0.9 U	0.95 U	1 U
1.25 mg	1 U	1.06 U	1.12 U	1.19 U	1.25 U
1.5 mg	1.2 U	1.28 U	1.35 U	1.43 U	1.5 U
1.75 mg	1.4 U	1.49 U	1.57 U	1.66 U	1.75 U
2 mg	1.6 U	1.7 U	1.8 U	1.9 U	2 U

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